Aviation Vews



CAP's chairman L. Welch Pague, who emphasizes that past statistics on surface transportation are no key to future airline traffic because aviation, like the railroad and automobile before it, will accelerate national and international trade to unprecedented activity.

October Plane Output May Hit 8000

Primary materials adequate, with only shortage apparent in bearings; labor still principal problem; 9,000 monthly peak near.

Congress to Decide GAO Contract Dispute

Aircraft industry seeks sizable payment on terminations, with protracted bookkeeping postponed.

New Giant Blimp Passes Navy Tests

Goodyear Aircraft's M-1, largest non-rigid airship, completes tests prior to joining war against German submarine menace.

Are Bomber Losses Too Costly?

Military commentator says Axis toll gives false impression, while editorial asks for more realism in loss reports.

Missouri Pacific Files for Airline

Application for 108 cities brings to more than 60 the number of common carriers asking CAB for air service.

Sikorsky, Stout Back Greyhound Plan

Engineers testify at CAB hearings that proposal for 14-passenger air bus is practical, with production within a few years.



ONE REASON for America's highly recornial of sols to assume which Minnespola-Honeywell Until recently, denite of this representative eleccare actually holds the phase on a designated course and our manufacturing ability and can obviously which bombs are released.

When the time comes, Minnespelin-Housewell

MINNEAPOLIS-HONEYWELL

A ERONAUTICAL MU INSTRUMENTS



THE AVIATION NEWS

Washington Observer

PRIVATE GENERAL ABNOLD-The commanding general of the Arms Air Forces carely on event. When he disally does build a second coeference and then have the working press of them in Weshington last week when it was learned that Gen. Arnald was building a news conference admittance by savitation cells SKLECTED LISTS-The basis on which the

PRIOT PLANT VISITS OUT-The seartise of boying retarning gilots and pleases yout directly has been outsily curbed. Industry representathen my such programs are great morale boosters and that the workers are implied by the sucht of a buttle-scarred warplane they have belped build and a few wards from pilot and error who have flown these alsplanes.

CONTRACT RENEGOTIATION-Senders may communities. In this consection, it much! be which the Weys and Means Committee is now there is more and more talk about a sales toy The treasury never has liked at said deeper toke with elections camine up. But both treasure officult refrest it may be an est. Adde from the revenue festures of such a tax, its advantage point set that repeal of the Victory tax, which is being considered, would free years 5,000,000 of the cales tax, it appears now that there will he both a Committee and House vote on it before the tay NII is nassed

SALES TAX- to connection with the toy bill

NAVY LAND-BASED ROMBERS-There's based greenft had the sid refliable "Connanda" paired bombers are still rolling all the biass in



sembers embarranting to the enemy meshable even more embarrasum at they knew hose many warmen are working on the construction of the "Coronada," Incidentally, Secretary Kney

AVIATION NEWS . Dealer M. 1949

EVERYTHING about this switch is TOUGH



· From the heavy bress frome, with its rigid brocks, to a lever you con

1980 plote sed spring actuated pistos, in which a railer is mounted devis-Analysis comangement, with either looking or non-looking action, has made

this Moomer No. 4105 Lever Snotch extremely valuable to such confinences or Rodio Transmitters, Signal Systems, Lighting Systems, Augrath Deptrical Controls, sed Airport bathfrio and Signelling. Contact essentiales of 12 springs per plin-up, 24 springs per position, or 48 springs tate), have been successfully built into the switch. Springligibs-up

Factors of the Massers No. 4101 Laver Switch con-

published ping Josha and spaniel switching

6133 N. Norfreet Highway, Chicago, (21) Illinois MOSSMAN Electrical Components AVIATION NEWS

PACE

Edgeral Headquarters 272 National Pent Boldone

progle 1943 to McGraw Bill Publishing Published workly, order 100 a cree

Advertisers Index Mooman, Disabil P. Inc. Former, L. M., Cosp.

B-24 "Laboratory" whole telling the arem of his recent true abroad. He described an airbane being taken over by the Navy with "several squadrees of E-26s" operating agreed upmerice. INTERNATIONAL ARE BUILTING TO

Commerce Committee during recent executive sided, however, that CAR should cretime to mattee action was taken

LOCAL FEEDER-PICKUP-Hearings on this problem before the CAE have counted Commentional east to prick up a little and there were some remorts that the whole question raishs he aired in Cangress. Inoble opinion, however, was that the send for such service is something for strictly CAE attention and that the Board is dwing a good job obtaining feets on which to have a fair, juridical view of the problem.



Ners Cersons on the late at Chance Yought saled the Observer, with nepel possed. Why retitled the Marme favor with a grin, is that Washington Observer

CENSORSHIP LID LIPTED SLIGHTLY-You may have noticed that you're critical sensiber foregants poor the radio again. On the face of things it may not appear like worth There are indications, however, that it may be the forerenser of a hubicoing of the prepar's hand an either steem in the war program, perhaps preduction figures. It is well known new that production figures originally were kept under wreat because they were unterprentive and we didn't send the enemy to know here little we were nreducing. Need for that sort of per-

THE B-29-The Nucl High Command most

causes seems to have passed.

TITO PROTESTS-The currences at Rulling Field the other day, altended by President Received and runking AAF officers, during which feer "Liberatory" were turned over to the Yugoslavian Air Porce, might have beenand at a resider of fact was fine for the Yugethey converses on early But it was labeled as a "blander which we can not allow to happen" by Gen. Tito, leader of the Yugoslav Portions Druis Hibalkodich, Tita's chest.

JAPS APE GERMANS-Competent auditory on Earlier plance-a strong undention of de-

LIGHT PLANES-Among the meny avertice studies reade regrettly trans on high or personal of olones which may be available to private forces over the Arch is licked. The report too. not reade with the idea of making it making it was arriered by William A. M. Barden, special aviation assistant to the Secretary of Conveyerer.

AVIATION NEWS . October 15, 1865 AVIATION NEWS . October 35, 1943



about post-war aveston that L Call Unaversity, Mentreal, Proper

Base out forecast—States for such

AVIATION NEWS . October 25 1942

Don't Underestimate Post-War Airline Possibilities, Pogue Warns

Upper broader thinking and less attention to past statistics in catmaring future per capita passenger volume: foresses lower rates that will combine with speed and flexibility so set new demands

By MERLIN MICKEL

h Ale-freight-Be pigned a lot of field, he stad, probably will be out well require frequencies of service

and this truffic may be expected to

remote areas Domestic rates in this business and pleasure traffic "that



NATS NEWEST AND BIGGEST

Mortex Many or alcours past before her takeoff on a granting evalurance flight

MAKE THEM MORE AND MORE AUTOMATIC

TO INCREASE THEIR SIGNTING BOWER++

White-Rodgers outomatic temperature modulation equipmont relieves pilots for greater concentration on fighting power

by providing completely automotic control of 1 Fosion rowl floor (both oir and figure coaled).

> 2. Oil coaler shutters or floors. 3. Cobin temperature (both super-charged and normal).

Upon request, engineering data will be furnished to monufocturers requiring controls for the above or other temperature opplications.

WHITE-ROBGERS ELECTRIC CO. SAINT LOUIS, MO.



Front-Way Opportunity - Portur and Whale he seemeded that ! Pro-

He stressed the development of

Prince Natural Clever-Internatorcally, the greatest contribution long distance much appears, he said,

| Speed Business Hotel Yet, be-

New Giant Blimp Passes Tests

New's new M-1 bloom, become anaddons A blater below street

by Congress to possage 200 simbage respect the skep in the Geodyeer Capt C J McGarre is in charve

• Global Transport-The interna-

ASF Reorganization:

Briz. Gen. W. L. Weiter.

New Lea Measure Is Ready for Vote

Bertle forecast over senseure ball

ing it a separate usite. Truz. Section 406 still stands in force as is, and will so remon when HR 3420

Of course MR 3420 will have to

Congress to Rule on Right of GAO To Audit Cancelled War Contracts

Aircraft indesery, already in precarious financial position, seeks sizable cash payment on termination of orders, with programed bookkeeping to be done later; compromise expected.

Conserves will determine whether level of all federal war procus evens

The industry weeks levelstone making mandatory, not movely vertracts, plus loans. And menufactur-

craft War Profuction Council which is probabiled by anti-trust

F Contract Unification Group-Coincidental with the dispute between

The secreft industry does not onwater the guidance of OWM force-There was no inclusion to adopt a uniform plan for all as a recessary authority, to make clams, but rather indeedual the West Court worraft reasposes.

tory and queck terrogration settlement. Many of the firms whose consome other war him About 6,500 contracts, nearly nix street's CISIM revit "to deal with one

Incentive Program Intensive study is being reads

Write CID and AFL rational officers separe secretive wage volving a specific sension of

breight in question by ComptroDor-Servetory of War Potterage save he waris (1) withersty to make ad-

of War Mobilization to unity con- resement they have the Real autract termination and other prob- thorsty to do so. That is the point

Sikorsky, Stout Back Greyhound Plan For 14-Passenger Helicopter Buses

Aviation engineers testify at CAB bearing on rouge applications that production and operation of rotor-powered valueles could be effected immediately.

Lear I Sikorsky and William D

12,000 Mr. carry a 469-75 carry with a consumum disposable lead of a Experts Testify - Testimony was 4.300 In Silknisky stated that from

Single Roter Craft-Other features

tade of racre than 10,000 ft and hard > Short Book Advantage - In Schur-

No Subsidy Needed - Arthur M

maps of proposed routes which

Production Parley

High-rapions Acuty officers torky, Iown Neurola and Morby J. B. Strauet Assertates under

Martin-Nebraska Co. To Build New Plane Harrion elected head of plant to

January T. Hartson, reconstant nounced a greatly expended pre-

It was explained that the new in Hartune's election as provident

Expansion Curb Eased For Air Industry

The ageruit undustry has been producers by WPB's order of www. Durang August, about \$160,000,- CUSTOMARILY WE SPEND HOURS ON LAYOUTS, ARTWORK, COPY, ETC., TO GET A REAL "FANCY" AD FOR YOU

BUTI

THIS MONTH WE WERE TOO BUSY ENGINEERING THIS NEW

PERSONS Aircraft Solenoid 50 lb. Push or pull at 13 amps-

24 volts with a stroke of 1/2" Weighs only 21/4 lbs. (A.N. SPECIFICATIONS)

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L. M. FERENS CORP., 6301 Manabester Ave., St. Louis 10, MD.



Was Department awarded contracts for additional norms and short \$200,000, and for recentres-

mately \$200 mm War Production Board remetator A Defence Plant Core, executed a centract with North-celern Arre-

ANIAR certified EAW-CIO for herekeenen at the Treater N J. rose of General Matery NUMB also Seculiar War Plants Corp. sp SWPC now have authority to make



the too. The step to se freed, with our conditioning and enter cooling

Hiring Rate Order Issued Wright Aero

Supercore of Acrises prices by Countywest associal Incheses WPB. NISS orders.

lyans up to \$35,000 wythout convell-CIO) and menunment' was re- | New Plant Opened-The troblem

THE AIR WAR

Bomber Losses in the Big League: Are They Becoming Too Costly?

Spectacular Axia toll in few raids recently has created false inprovide of rise in loss rates, whereas record shows done in cost of allied attacks. Navigance save.

Birth Aw Force. Recently many FileIstive Bumber Lones-Contrary

torrange of bombs drepped has gown steadily (September being

June Sonce July, not only the nerend of September. This may not

Fredsticks for Lesses-Thus range



ELegery Missions Contin-The Smi fidhter excert all the way Also, or



Thur West Venture, lend-based patrol place, the Naty's PV-I, is raising

here to offer in this class. Developed by the Name or on extraplementary

Fighters vs. Bumbers Lost-An-

n the ratio of enemy fighters that

are losing ben highly trained spe--ether willed or contared. Also the fighters were destroyed and 28 h Proceedings of Total Sarties-Still were taken of bombers lost out of

Nor 10 16, from this viewpoint only.

yand which bomber missions "di (only two bombers lost) was better

in the energy opposition encount-

Yugoslav-AAF Unit

Japa. With him are non-provident Rabert L. Earle, general manager of the time at the factory. Cal. Scott was commander of fighter relate in Max Gen.

Four Liberator bombers dedicated Boosevelt Attends-The ceremony

dest Roosevelt, Maj Gen Barner M. Gres, chief of staff, AAF, and

BANKING SERVICE FOR THE JOB AHEAD

CINCE on man can foresse how lone the war will last. O it is appearent that industrial management is faced with a two-fold problem. First is the paramount necessity for maximum war production to meet the needs of the seroud forces: As Lindor-Sucremen of War Patterson recently said, "The most difficult job of all lier absad-the drive to victory."

Second only to meeting these viral war-production goals is the job that lies ahead in projecting plans for reconversion or production for civilian use. This job also must be faced now, if maximum post-war employment is to be assured for those at home and for the fighting men when they return.

In meeting maximum production goals, in adjusting production to changing was demands, and in planning for peace-time operations, there are many problems than require banking service. Officers of this Bank are prepared, through extensive experience in handling warproduction loans and through practical study of post-war problems, to work with business executives in planning both present and future requirements. We cordially invite your inquiry.

BANKERS TRUST COMPANY



AVIATION NEWS . October 25, 2943

AIRCRAFT PRODUCTION

Plane Output Expected To Exceed 8,000 This Month; 9,000 in Sight

Primary material supply adequate except for shorings of bearings; Manpower continues to be principal problem; Army continges to stress heavy bombors.

By SCOTT HERSHEY

over 8 669 units this month and will P Rendy to Fb .- It is important, too

carbon steel and on Jiwandonov of Deering Output Speeded-The only Other reasons for her in combut siraber cutped coefficies upword

Desire Changes-Courtage unrenveneras on models siredy in

and planes. There must be and in trainers. This connot but result in a

OWY paints not that displace) Bucklene of Industry-The back-

supply the arresult manufacturers

OWI respect sure the Materiel Com-

who design and make our combat

NEW PROPELLER X-RAY:

American Propeller Corp. describes us new 404,000 volt 3-ray sustaliation

Lycoming Develops Light, Compact Unit Self-consined 163-by associate engine weighing 755 lb. will power post-war vehicles.

William F. Was, excusive were

b Third of David Wright-Mr. rounds ed out that since it is a completed Brewster Hearings

post-way uses. The new course The cent, Was said, was decemed teen. The grancinal element of the mentain apple or vapoly to the secret in avenue circles that

lag in Kniser plant production.

affairs of Borweter Agreeoutical

Curp on the brels of the election of

3 Air Service Firms

Merge Activities Pager System California com-

DISSUES CONTRACTOR OF "AMSOCK Coordination of spinton service been amounced by Earl Herring







computerial accordangues to develop. Photograph physic location of the cooling fax on right end and

AVIATION NEWS . October 15, 1965

AVIATION NEWS . Ortsler 25 1940





VIBRATION a Peace-Time Problem Too

repoir bills cound by the type prepared vibration. After victory

economical and officient ser

THEY FLY WITH THEIR BOOTS ON-SAFER Normal salestron can severely tax a plane. But imagese die

strate vibration post on the fasterings of log hombers which have been ripped and tom by enemy five. That these bugs ends, so penetical, don't "shake speet" in mid-or to due to Boots Nata, used on every type of U.S. sizeisft, can't cours

one other note Boots have recover reambility too. In sale cition, they withstead the corresion action of oil, wave or chemicals-broudly "outlest the plane." They simplify retains and maintenance. And they meet the exacting speci-

BOOTS

as "AMSCO" and will direct actes craft service industry new operating Fresh, Parts and Service....Of the & Supply Corp manufactures tools AMRCD or Reward D. Lorber no.

Aero Medical Meering

Light Plane Manufacturers Plan To Have Department in Chamber New Division, headed by John E. P. Morgan, is expected to be

in operation early next year, officials appounce in Washington.

vided on to manage the depart-

MOLDED FUSELAGE:

*Bespesse-Perlanuary letters to responses from more than two dec-

dastries. Globe, Howard, Interstate.



AVIATION NEWS . October 15, 1843

the unseen force that helped conquer the air...

Next to the development of the plane fixed abperhaps the greatest single contribution of to the conquest of the air is the electron vacuum table. The very heart of radio communications, cross country beatons and instrument landing equipment. Fallow the hadron rether addition devises broaded.

the invisible power which enables

ability of air travel is a direct reflection on of the dependability and stamina of the avacuum tubes in these services. Eimae tubes are the established leaders in this defield. First choice of the major airlines whethers.

...first in the new developments in radio...first among the leading electronic engineers throughout the world.





AVIATION NEWS . October 28, 1943



ARGUS-With a Hundred Eyes That Never Sleep

British fighting men know it as the degra-To American it is the Fercender, the describble. starily little etility corpo plane Officially desegrated by the U.S. Army as the UC-61A.

Getting precious medical supplies through to where Corving the amountain to where it is needed most Setting down and taking off in two patches of eleur ran, so small that leaver phases could not use them.

There who convinus the unaversal use of sixplanes

Fairchild Aircraft Starts of Section A September Corporates.

PERSONNEL.

United Air Lines, with 3,009 worsen

scarce occase, traffic selectorers.

N. C. McCore, cost accounting super-

the one men that made up the Deng-

superestendent, pliest ranager and liveign projects monager He organ-Chieses project in California

offennetrative manager, A. A. Sekola





C L "Kelly" Johnson, chief re-Cres Sun A. Polser, a receptor of the



ALL AMERICAN REPRESENTATIVES AT PICKUP INVESTIGATION: Officials and representations of All Assertion Assertion. Prof. Boss M. Curacraphara, MIT, who conducted All ently certaineded nucleus operator, who told its score

member, C. Ethnord Leanure, CAB shiel exercises. AVIATION NEWS . October 25, 1943



NEW CURTISS/WRIGHT VICE PRESIDENTS:

Beir Ges Freshler O Curvil chief of

of Delta Ar Lower office at the Bason Concressed at Wright Field has best las. Surresport and Alliante A. L.



William J. School Law Anadra during supager of Sperry Guracope Co.

Philip H. Punke has rememed as wire

power axistion beacons at seven

E. A. Keugh has been nazzed auditor of



from the Orberdon Hotel in Moura-

AVIATION NEWS . October 25, 1965

TRANSPORT

Missouri-Pacific Railroad Asks To Add Air Service for 108 Ciries

Application beings to more than 60 the number of common carriers which have filed petitions with CAB; More truck and steamship lines apply.

By BARBARA FREDERICK

Accileration of a new concursy septers and trader drought planes to associated with Missouri-Pacific transport all types of subscribble

Inc. St. Lovin, Ma., incorporated in Prother Application-The community \$ 6,999-Nills Network-Sorte main to operate over a 6.000-up, network

value scheduled appropriateled and charter service for persons Operating at Museum Karsan Pacific Coaches, Misseury-Pacific

service over approximately 4,580.6 Coordinated Service Heliconters

pesed service are St Louis, Men-Course Express, Inc., Longsupper, list. The former, owned by Over-



m the Great Lakes, and through its

New Jersey, Ohio, Permeylvania,

Louder Asperts, Apr., 5 hick greening

UNITED'S ALL-CARGO DC-3:

take Present Curp., agained for unwith the process of the control of t the second the processor processor with the

WAL Buys Inland

Asks that CAB approve purchase of Desert to Haron, S. D. roson,

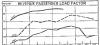
Western Air Lines has salved Carll



British and talks with necessary that a conference should be held on make a statement roop, and that

CAR anurove the deal, 1,300 ms. of oir routes between Denver, Celo. cruburar speed of 250 ms on hour.

In obvesced assets Western orts



AIRLINES AGAIN DO "IMPOSSIBLE": Mot long upo asyese who said the arrives could attask a recense paintinger pared are passenger load factors for 15 domestic arrival for 1941, 1942.

Airships Out Of the handreds of research The route souted for was from Frankfurt on the Main.

earlier, and 100,000 more than in Au-

Principle of the Airtiger in arrort at Norfolk, after several FCA her been given permanen by

divelopment and dough engineer with Gless L. Marin Resired

equipped for transport service and

and 20182 in July, 1842. Freight was 1,822,624 To, against 972,351 to June and 1,119,721 in July, 1942 Loss July's most figure was \$12,072 In

the and sp-to-date - deviced to oct Index; Select the books that halo you do better work - else you a full andorstanding of this areas and graving indestry. Whother yes want a "refresher" or west to in-AL PREVENTION OF THE PAILURE 11 AMPLANT STRUCTURES By Abrel S. Fight and Astroph S. Francis OF METALS UNDER REPEATER

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ANYARTON NEWS . Onliner 25, 2012

WILL ONE OF THESE Super-Colossal Plane Deflated by Raymond NEW McGraw-Hill BOOKS Douglas official doubts fessibility

helo you move ahead foster

Take 'er Up Alono, Misteri So John J. Shibbs on sald in F. S. Penbaran

Earthal and community ! — Arcoling reciping on well by 150,000, by four-certife Friency or Division of the Parish Inc. makes at Disher amounting being stated as franklich advanced from an both and business that at Tomacounting the second

Manual of Aircraft Production Complied and added by Bernard IV abbette Man

Aircraft Donner Plants Frompas the Inchemistric concern leads and continged date elight provide a good healignment of colompides on tolerant subject density transfer, for earlierant operation maximum Discounties and Colom of congress congress reservoires from Auru soon and Saught, as extent bears necessarily producting and sensing, revision constitute the agreement of the contract of th



WANTED ACDOMINITION CHICKETERS Invest highly quilited may exceed by NO MODERN DEVELOPMENT

Midber of 1986-Raymond be-

sing " both reasons to Epowered a

from ever prosted efficies as a

'Copter Has Long Way

Powel Crosley, Jy-considers the

To Go, Says Crosley

APPROXABITICAL PRODUCTS INC 18300 Syan Send Deres 12, Michigan Telephone Treatment 2 2000

plane was four or five years ofter Spendarg at a recent Concennate restirut, the president of Cresley clade a directorshop on TWA's

Crash May Revise

Civil Air Regulations CAB studies electrication of pules ofter socident facal to 17

h Trainer at Controls - Notdones showed the shop's first offers and a when the DC-3 struck the ground,

Section 61 7808 of the regulations.

the Administrator or to properly lated on whother the more experi-

NEW CHICAGO TICKET OFFICE

would render any company em-

Airlines Liquidate Crew Training Group Washington and New York of: fices of AWTI to close. Army tikur sour Ney L

PTrains Crees-The organization

facilities and personnel of the dooffice in Washington and its transper

San Oil Ot has correlated a new

Vega Absorption Absorption of Vern Aircraft

Robert S Gross Lockbood remarked, while unwilling to

special field of small surpleme

Minted States Junior Chamber of Advances from an for million on

BRITEING

result in a total poundant in 1945 ton tenes greater than in 1963, according

Arrendt Accessories, forecasts that

> Perst Consideran-bush Lemonster, prod-

ud neture whole they close AWII's

U.S.Chamber Expected To Stand by Its Report

nolicy only one received.

tion to permit surface currents to

5 Lines Join Douglas In DC-4 Delivery Plan places for post-war operation. Five sirknes are somes Deutles large-scale detwery of new DC-4

As this is written, no opposition



WINNERS OF TWA WRITING AND PHOTO CONTEST: V. P. Chargo, TWA's traffic race-proseduret, in congressations (Seft to racht) Hill graphen publications, take as strates editor of the Deaton. Other. crapher will be held a year by the publications the werners represented

DC-4 output will involve only minor year reducates TWA which milled

Unofficial estimates are that the

Airlines Hail Easing Of Blackout Rules

when plants are visible from guil, but lieux The rew released cakin window

Transcontinuetal & Western Au lations are readily visible from the vome-Central Autimes has had a

FINANCIAL

\$100,000,000 Rail Equipment Firm

Re-enters Aviation with New Gliders Launchine of Airhome Transport, Inc., new West Coast firm rearrefacturing troop carriers, marks return of General Americon Transforacion Corp. for another try at air industry. Be ROGER WITCO

GATX refered the soution reductry DAppalend Barkley-Gow-Early in tere aviation plans Shortly thereafter. GATX issued a comprehen-

Transportation Corp., which was

In June, 1940, Avantage Corp ourtes. GATX received additional 600 shares Darted America 1000 Frot Corrected Engineers, how-The Carry fall of annual and annual dispered of its stock in that bolding

our watched with keen interest b Paragraph Total resources of the

last reports, the company owned In addition, GATX owns and pany owns a controlling interest in of railroad freight and pamerager

National Aviation Curs Air Stocks Again

Investment test continues shift to disensified industrial securities.

30 This is a continuation of the sar transport equation were said and FCommon Shares Sold-Aircraft

Bell, 1,500 shares, Rooms, 500 shares: Con-Vultee, 199 shares Gramman 400 sharon Lockband

TWA . United 800 Holdings in Brazill were in-

12,300 This transaction was probstone Tire, General Electric, Gento other industrials, merely reproaviation groups in less favorable

High Time for Unity

THE AR TRANSPORT DESCRIPY IS SYLLING A black eye in commencesal and buch covernment circles. among themselves Smaller lines snipe at the big are making private statements that conflict with

The suspicion is rising rapidly on the part of re-

sponsible and powerful people in the citatal that the industry has lost its ability or willingness to six This week the Lea bill and other legislation of

debate and probably a vote in the House. It may not be an easy flahi The Lea bill may be defeated. Or the House may open up the air to any comer, and if it does the senate may very well so alone. That would be a stiff free nublicaty. Why not unity now, to meet the box-

Sugar Coating Our Losses

T called a tenrioney of the press to compression losses in the sar. War department statements on porvaces attitude among some accords industry

workers and has contributed to the high turnever

More criticism of the war department's overcause the official announcements have dailed the

tween Lightman and the latest Pocks-Walf models. tive stakes between the U.S and the Jazz are such for every one of our own fighters lost in order to

TERREAL Assoca last week deployed what he It is cutte true as pointed out by the News' mileame our bomber losses over Axis territory. Many value of German and Japanese Solitors. Nor dom freedly territory and ultimately reign their units folled, it as pospted out, the American crew losses For example, official OWI figures recently showed botle more than 2 to 1 advantage over enemy fightit is probable that American pilot lesses were rela-

than the Asia countries, but the fact remains that come the nation with the urgency of overcoming

cut according to schedule can the united nations

Power II Woos

MULTUM IN PARVO are assembled, and counting down wood tomeron

The old Lotin phrase, multan in purco-"much in little", has attained a significance in World War II far beyord its oriefful meaning. This is particularly year to for exemple, at McDonnell, we use a nonincestal

attachment to a number, which saves as much as a shard of the total magnifecturing time on fours blocks-tiles Using this device, even an inexpedenced workman That easily operated machine may be used on all

forested by a member of our organization, the very south attaches of its out forested to produce her one by adigated to any abending mackets—shapers, rosters, miling mechanes, ex-This is but one of many developments numbered

Such time-arriag devices as the vari-angle attachment -- which can speed cursion operations as much an 1600% -- consulter a most constructive asswer, We believe the active laterest of our personnel in serking constantly to improve production methods, in

MCDONNELL Aircraft Corporation
Manufacturers of PLANES - PARTS - PLASTICS - SAINT LOUIS - MIMPHIS .

AVIATION NEWS . October 25, 1942



"THUNDERBOLT-WORLD"

The "Thunderbolt" was conceived for one purpose . . .

The "Thunderbolt" was conceived for one purpose.. to fight in the Stratosphere.

There, over seven miles straight up where few other aircraft go, is the "Thunderbolt-World." Ordinary planes that perform brilliantly at lower altitudes, lose their speed and maneuverability as they approach the Stratoshhere.

Up between thirty and forty thousand feet, the Thunderbolt flies at more than 400 miles an hour... spits sudden death from eight 50 calibre machine guns in its wings. It is a deadly weapon...guardian of our high-flying bombers.

Only by experience and scientific research in the Stratosphere and its effect on motors, parts, materials and man himself could such a plane have been engineered. Republic designers and Army Air Forces experts have a rare understanding of Strato-mechanics.

After the war, this knowledge will be used to speed up communication between nations...to bring the peoples of the earth closer together.



REPUBLIC Tradition

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